Voluntary Industry Reporting Form for 6(a)(2) Adverse Effects Incident Information

Provide all known, required information. If required data field information is unknown, designate as such in appropriate area.

Row 1 Administrative Data	Reporter Name **Simone Seifert-Higgins**	Submission date. **July 11, 2017**	Contact person (if different than reporter) **Joy Thompson**	Internal ID **32416387**
	Address **Monsanto Company** **Mail Stop C3NA** **800 N Lindbergh Blvd.** **St. Louis, MO 63167**		Address **Missouri Regional Poison Center (MRPC)** **7980 Clayton Road, Suite 200** **St. Louis, MO 63117**	
	Phone # **(314) 694-1538**		Phone # **(314) 772-8300**	
	Incident Status: New _X _ Update__ If update, include date of original submission.	Location and date of incident. (City, County, State) **State: Oregon** **Date: 5/25/2017**	Date registrant became aware of incident. **June 2017**	Was incident part of larger study? Y___N **_X__**U___
Row 2 Pesticide(s) Involved	**EPA Registration # (Product 1)** **71995-29**	**EPA Registration # (Product 2)**	**EPA Registration # (Product 3 & 4)**	
	A.I. (s) **Glyphosate 18%** **Diquat dibromide 0.73%**	A.I. (s)	A.I. (s)	
	Product 1 Name **Roundup Weed & Grass Killer Concentrate Plus**	Product 2 Name	Product 3&4 Name	
	Exposed to concentrate prior to dilution? Y___N___U_**X**_NA___	Exposed to concentrate prior to dilution? Y___N___U___NA___	Exposed to concentrate prior to dilution? Y___N___U___NA___	
	Formulation	Formulation	Formulation	
Row 3 Incident Circumstances	Evidence label directions were not followed? Yes_**X**__ No_**_**__U_**_** Intentional misuse_**Yes**_	Incident site: (examples include home, yard, school, industrial, nursery/greenhouse, surface water, commercial turf, building/office, forest/ woods, agricultural (specify crop) right-of-way (rail, utility, highway). **home**	Situation (act of using product): (examples include mixing/loading, reentry, application, transportation, repair/ maintenance of application equipment, manufacturing/ formulating). **See MRPC incident report (next page)**	
	Applicator certified PCO? Yes__No__U__**X**			
	How exposed: (examples include direct contact with treated surface, ingestion, spill, drift, runoff) **See MRPC incident report (next page)**	Brief description of incident circumstances. **See MRPC incident report (next page)**		

Human Exposure / Adverse Effect Incidents
Involving Monsanto Agricultural Products

Reporting Categories: H-A, H-B, H-C
Reporting Period: March 1, 2017 to March 31, 2017

Substance:	Roundup Weed and Grass Killer Concentrate Plus from Monsanto
Serial Number:	32416387
Date:	05/25/2017
Medical Outcome:	Moderate Effect H-C
EPA Reg. No.	71995-29
Active Ingredients:	Glyphosate 18% Diquat dibromide 0.73%
State:	Oregon

History and Notes:	Person calling about her boyfriend's 52 yo mother who has been vomiting for the past 30 minutes. It was determined she drank unknown amount of Roundup Concentrate Plus mixed in soda about 45 minutes to 1 hour ago in a suicide attempt. MRPC advised the caller to have the woman transported to the nearest ED. MRPC located the woman at an ED, spoke with MD concerning the exposure. The woman allegedly drank 8oz Roundup. She is currently asymptomatic. She did have upper belly pain, vomited directly post ingestion and complained she could not breathe, no aspiration symptoms noted. MRPC recommended to monitor labs especially renal function. Treatment guideline faxed. Initial labs - BUN-19, Creatinine-0.86, AST-23, ALT-16, Alk Phos-113, UDS + THC, salicylate, acetaminophen, ethanol - negative. Anion gap-15. No further nausea or vomiting. IV fluids given. On follow up, the woman had 2 episodes of vomiting and diarrhea at 8 plus hours post ingestion. Denies abdominal pain. Cr 1.24. No liver enzymes done. The next day, the woman complained of a slight sore throat, vital signs stable. Dr. Tominack consulted. Advised to continue to monitor renal function. Advised should have seen glyphosate/surfactant impact by now. Labs in the late morning - Cr 2.64, BUN 29, AST 47, Alk phos 107. About 48 hours post ingestion. The woman has a sore throat, and is losing her voice. Bad cough that worsened throughout the night. Aspiration is not suspected. MD thinks it may be from edema from extra fluid. CXR was not bad. Cr trending up to 4.95. Three days post ingestion, the woman's status was about the same. Four days post ingestion, the woman was improving. Takes PO meds but "peckish" at meals. No vomiting or difficulty with swallowing. VSS. No hemodialysis done. Renal function is improving: Cr 4.02, BUN 53, GFR 12. 5 days post ingestion -BUN 44, Cr 2.5. Six days post ingestion: BUN 36, Cr 1.83, UO adequate.